IN THE CLAIMS

Pursuant to 37 CFR §121(c), the claim listing, including the text of the claims, will serve to replace all prior versions of the claims, in the application.

Please amend claims 21-25 and 28-33 as follows:

Claims 1-20. (Cancelled)

21. (Currently Amended) A system for operating wired and wireless phone services interconnectively, the system comprising:

a private base station controller (pBSC) [[that]]which is connected [[with]]to a public switched telephone network (PSTN) and a private base station transceiver system (pBTS), and which provides a mobile communication service to a plurality of mobile communication ~~terminal~~ terminals; and

a group exchange [[that]]which is connected [[with]]to the PSTN, and which assigns a respective virtual wired phone ~~numbers~~ number to ~~a plurality of~~ each respective mobile communication ~~terminals~~ terminal existing in a mobile zone as a management region of the pBTS, and which provides a public wired phone service to [[the]]said each respective mobile communication ~~terminals~~ terminal using the respective virtual wired phone ~~numbers~~ number, and which provides a wired phone service to a wired terminal existing outside the mobile zone;

wherein, when receiving a request for an outgoing service from an internal mobile communication terminal, the group exchange changes a caller identification (CID) into the respective virtual wired phone number assigned to the internal mobile communication terminal, and calls a called terminal via the PSTN.

22. (Currently Amended) The system according to claim 21, wherein the group exchange calls the mobile communication terminal corresponding to the respective

virtual wired phone number when receiving an incoming call containing the respective virtual wired phone number.

23. (Currently Amended) The system according to claim 21, wherein the group exchange comprises a database for storing, for each arbitrary wired phone number, information indicating whether or not said each [[of the]]arbitrary wired phone ~~numbers~~ number is a virtual phone number and information about whether or not a multiple terminating service is registered.

24. (Currently Amended) The system according to claim 23, wherein the group exchange simultaneously calls [[the]]a wired terminal corresponding to [[the]]a wired phone number and [[the]]a mobile communication terminal when the wired phone number is registered with the multiple terminating service and is called.

25. (Currently Amended) The system according to claim 21, wherein the pBSC comprises a database for storing [[the]]said each respective virtual wired phone number assigned to said each [[of the]]respective mobile communication ~~terminals~~ terminal and a mobile identifier number (MIN) of [[the]]said each mobile communication terminal ~~corresponding~~ to [[the]]which said each respective virtual wired phone number is assigned.

26. (Previously Presented) The system according to claim 21, wherein the group exchange is connected to the PSTN through No. 7 signaling.

Claims 27. (Cancelled)

28. (Currently Amended) The system according to claim 21, wherein, when receiving [[a]]the request for the outgoing service from the internal mobile communication terminal, the pBSC checks a service type identifier defining which one of a private network service and a public network service the internal mobile communication terminal requests.

29. (Currently Amended) The system according to claim 28, wherein the pBSC relays an outgoing call to the group exchange when the internal mobile communication terminal requests the private network service, and relays the outgoing call to ~~the PLMN~~ a public land mobile network (PLMN) when the internal mobile communication terminal requests the public network service.

30. (Currently Amended) A method for operating wired and wireless phone services interconnectively, the method comprising the steps of:

assigning, by a group exchange, a respective virtual wired phone ~~numbers~~ number to each respective one of a plurality of mobile communication terminals existing in a mobile zone as a management region of a private base station transceiver system (pBTS);

providing, by the group exchange, a wired phone service to a wired terminal existing outside the mobile zone;

providing, by the group exchange, a public wired phone service to the mobile communication terminals by linking the respective virtual wired phone numbers with respective mobile identifier numbers (MINs) of the mobile communication terminals; and

when the group exchange receives a request for an outgoing service from an internal mobile communication terminal, changing, by the group exchange, a caller identification (CID) into the respective virtual wired phone number assigned to the internal mobile communication terminal, and calling a called terminal via a public switched telephone network (PSTN).

31. (Currently Amended) The method according to claim 30, wherein in the step of providing the public wired phone service, when the group exchange receives an incoming call containing [[the]]a virtual wired phone number through a public switched telephone network (PSTN), the group exchange calls the respective mobile communication terminal ~~corresponding~~ to which the virtual wired phone number is assigned.

32. (Currently Amended) The method according to claim 30, further comprising the step of simultaneously calling, by the group exchange, [[the]]a wired terminal corresponding to [[the]]a wired phone number and [[the]]a mobile communication terminal when the wired phone number is registered with the multiple terminating service and is called.

33. (Currently Amended) The method according to claim 32, further comprising the step of rerouting, by the group exchange, an incoming call to one of a public switched telephone network (PSTN) [[or]]and a public land mobile network (PLMN) when the called wired terminal and the mobile communication terminal make no response.

Claim 34. (Cancelled)

35. (Previously Presented) The method according to claim 30, further comprising the step of, when a private base station controller (pBSC) receives a request for an internal service from an outgoing mobile communication terminal, checking, by the pBSC, a service type identifier defining which one of a private network service and a

public network service the internal mobile communication terminal requests.

36. (Previously Presented) The method according to claim 35, further comprising the steps of:

relaying, by the pBSC, an outgoing call to the group exchange when the internal mobile communication terminal requests the private network service; and

relaying, by the pBSC, the outgoing call to a public land mobile network (PLMN) when the internal mobile communication terminal requests the public network service.